

THE FUTURE OF OPEN DATA

AFRICA OPEN DATA CONFERENCE



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Dar es Salaam, September 5th 2015



Presentation outline


The Future of Open Data is...?

- 1 Global
- 2 Five Stars and Linked Data
- 3 Apps and Services
- 4 Mobile & Local
- 5 Linked
- 6 Citizens
- 7 Sensors
- 8 You

The Future of Open Data

Government Open Data

11%

Percent Open 
Down from 15% in 2013

97

Number of Places
Up from 60 in 2013

970

Number of Entries
Up from 599 in 2013

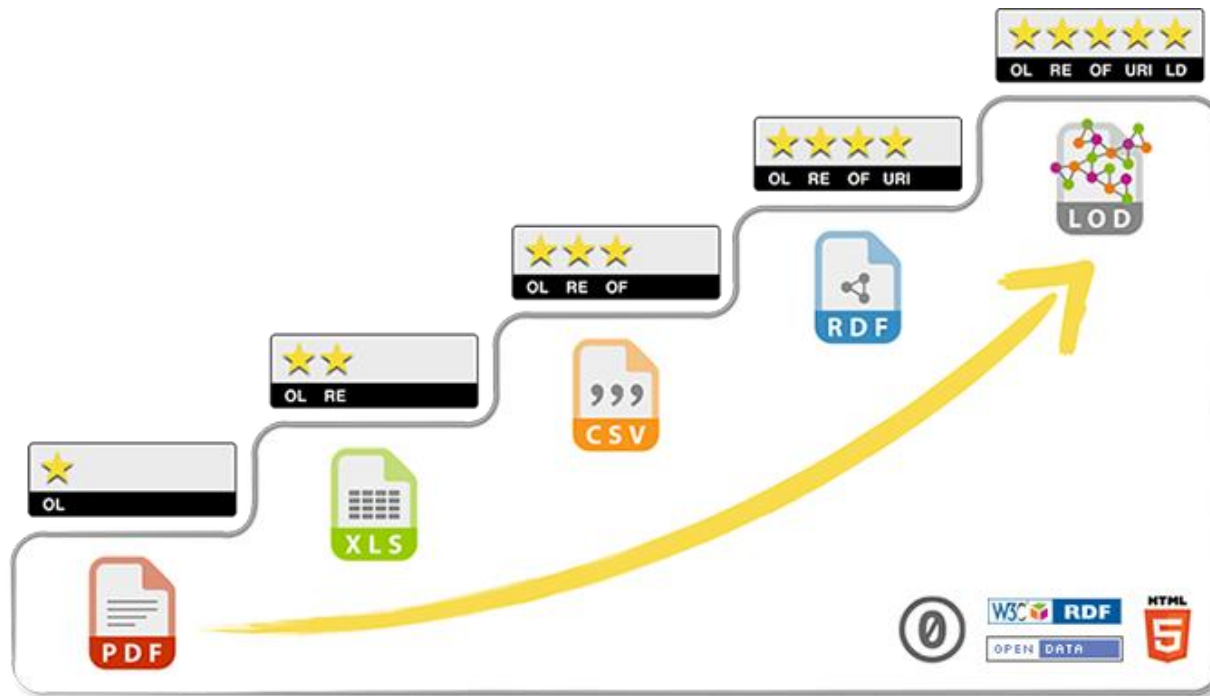
106

Number of Open Datasets
Up from 87 in 2013

Rank	Place	Transport Timetables	Government Budget	Government Spending	Election Results	Company Register	National Map	National Statistics	Legislation	Postcodes / Zipcodes	Pollutant Emissions	Score
1	United Kingdom											97%
2	Denmark											83%
3	France											80%
8	United States											70%
9	Germany											69%
10	India											68%
36	South Africa											48%
59	Burkina Faso											36%
63	Senegal											34%
63	Tunisia											34%
73	Nigeria											29%
74	Rwanda											28%
76	Zambia											27%
78	Côte d'Ivoire											26%
79	Egypt											25%
79	Morocco											25%
82	Ghana											24%
82	Zimbabwe											24%
84	Cameroon											23%
85	Kenya											22%
87	Botswana											21%
87	Lesotho											21%

The Future of Open Data

5 Stars of Data and Linked Data



- ★ electronic data on the Web (any format) under an open license
- ★★ structured data (e.g., Excel instead of image scan of a table)
- ★★★ non-proprietary open format (e.g., CSV as well as of Excel)
- ★★★★ use URIs to denote things, so that people can point at your stuff
- ★★★★★ link your data to other data to provide context

The Future of Open Data

Apps and Services

Federal Government Mobile Apps Directory

Government native apps, hybrid apps, responsive sites, and mobile websites that offer official information and services in the palm of your hand.

Mobile Apps from the Federal Government

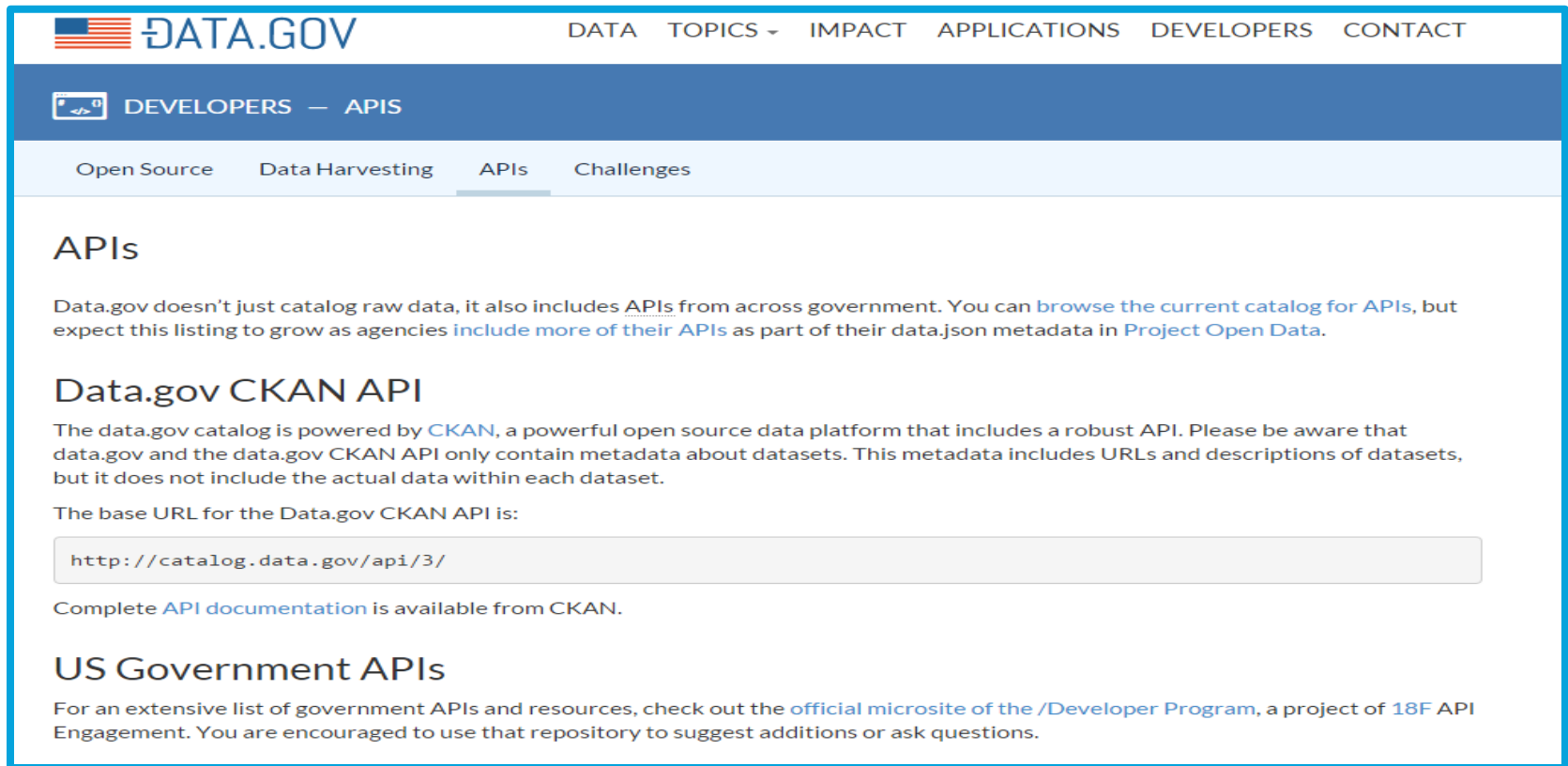
Are you interested in using the API driving the information on this page? Check out our [API documentation](#) on GitHub.

Show Apps By

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APIs and Open Standards



The screenshot shows the Data.gov website interface. At the top, there is a navigation bar with the Data.gov logo (an American flag icon followed by 'DATA.GOV') and links for DATA, TOPICS, IMPACT, APPLICATIONS, DEVELOPERS, and CONTACT. Below this is a sub-navigation bar for 'DEVELOPERS — APIS' with a code icon. Underneath, there are tabs for 'Open Source', 'Data Harvesting', 'APIs' (which is selected), and 'Challenges'. The main content area features a heading 'APIs' followed by a paragraph explaining that Data.gov catalogs raw data and APIs from across government, with a link to the current catalog for APIs. Below this is a section titled 'Data.gov CKAN API' with a paragraph explaining that the catalog is powered by CKAN and only contains metadata. A text box contains the base URL 'http://catalog.data.gov/api/3/'. A note states that complete API documentation is available from CKAN. The final section is 'US Government APIs' with a paragraph encouraging users to check out the official microsite of the /Developer Program.

API

noun COMPUTING

a set of functions and procedures that allow the creation of applications which access the features or data of an operating system, application, or other service.



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APIs and Open Standards

[What is CitySDK? ▾](#) [CitySDK Toolkit ▾](#) [Join](#) [Meet us! ▾](#) [Media](#) [About the Project ▾](#) [Contact us](#)

Open, harmonized CitySDK APIs

CitySDK APIs allow easy and rapid development of scalable Smart City services and applications. CitySDK network works together to introduce harmonized APIs to new cities and new domains.

For Cities



For Developers



Cookbook



Join Us!



The Future of Open Data

APIs and Open Standards

RAMAGE CONSULTING LTD

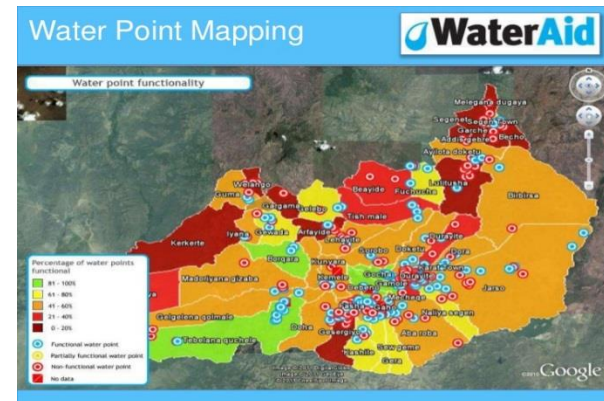
STRATEGY, INNOVATION & COLLABORATION

Final Report for the World Bank

Application Programming Interface Requirements for the Water Point Mapping System in Tanzania, Water and Sanitation Program

Author: Steven Ramage, Managing Director, Ramage Consulting

Date: 15 December 2014



Welcome to Taarifa



The Taarifa Platform is an open source web API, designed to close citizen feedback loops. We are currently working on an Innovation Project in Tanzania, with various partners.

[Get started with the API](#)

What is Taarifa?



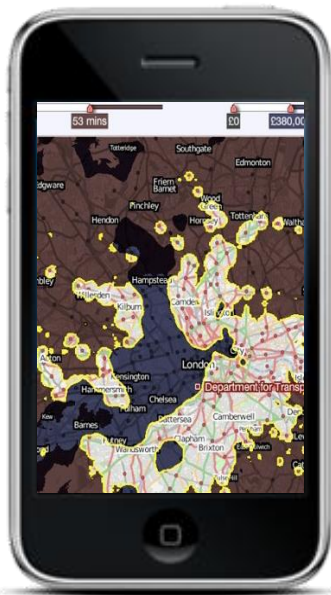
msabi
Maji Sani kwa Ayaa Bora Tanzania

HOME ABOUT US

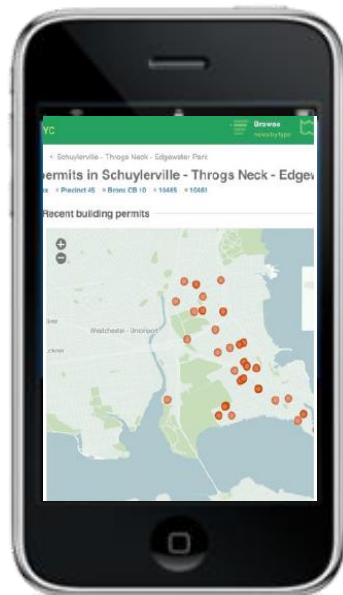


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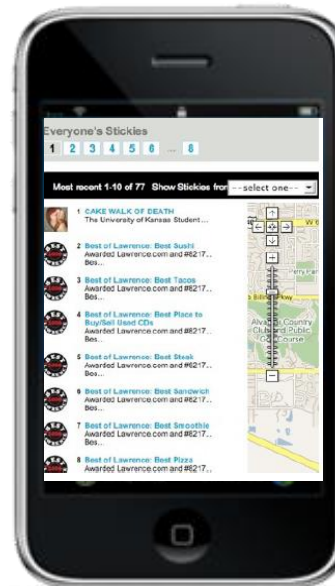
Location, Location, Location



Local Government



Hyper-Local News



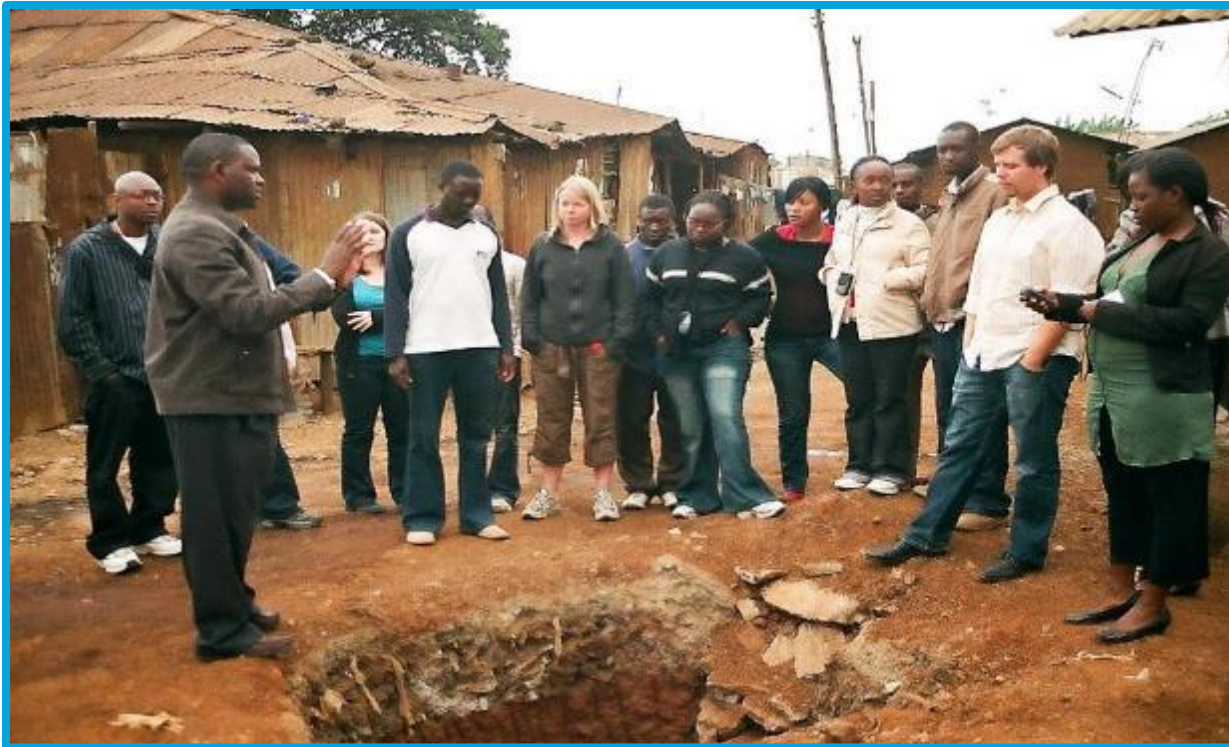
Nearby Businesses



Augmented Reality

The Future of Open Data


Citizen Data




The Future of Open Data

Citizen Data

Dar Ramani Huria HOME ABOUT BLOG TUTORIAL PROJECTS EVENTS DATA

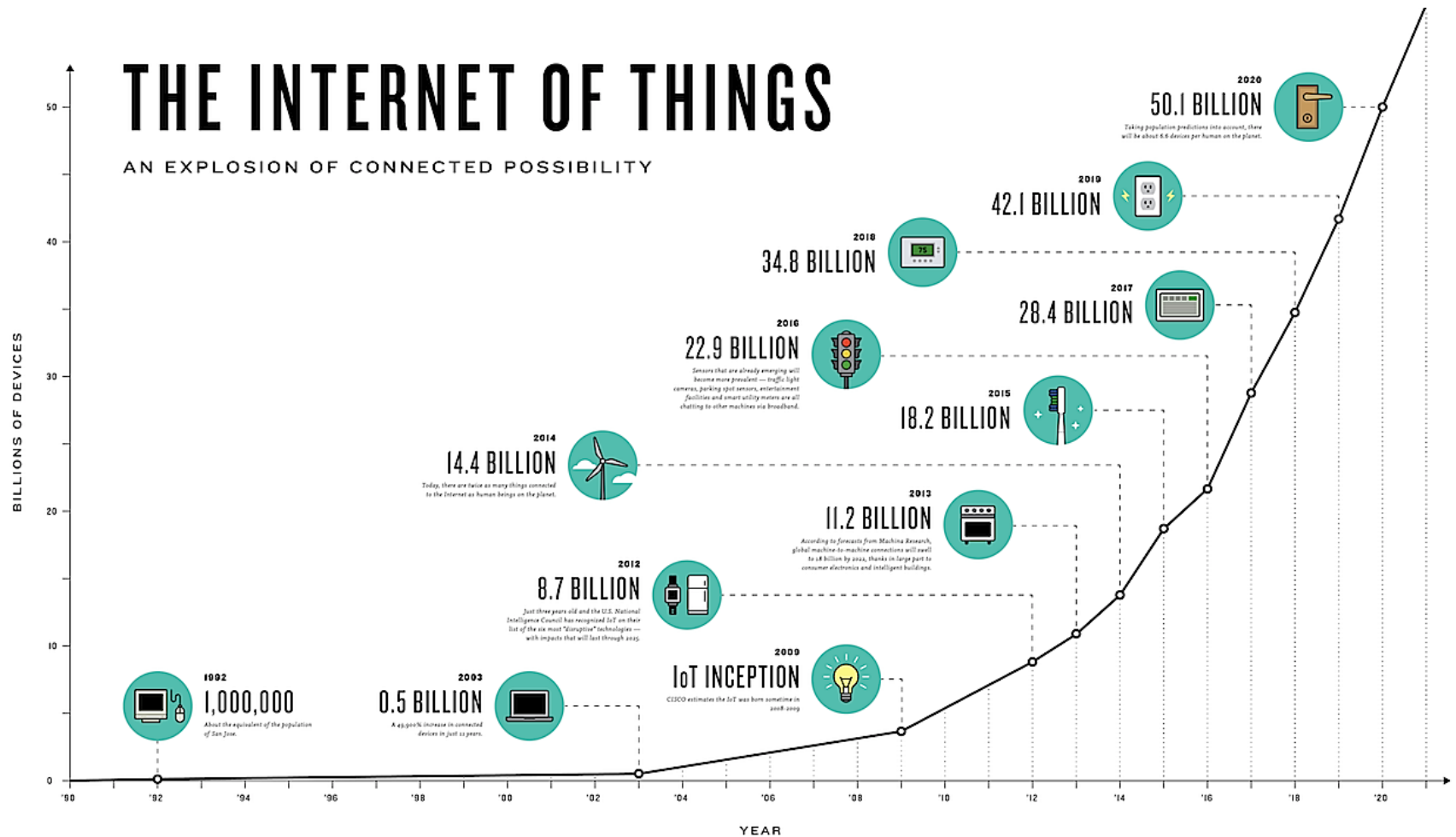


Community Mapping For Flood Resilience Kick Off Workshop at COSTECH



The Future of Open Data

Sensor Data – Internet of Things



The Future of Open Data

People Like You



Muchiri Nyaggah

1st

Executive Director at Local Development Research Institute

Kenya | Public Policy

- Current Local Development Research Institute, The Open Institute
- Previous Semacraft Consulting Partners, Code4Kenya, Synergia Holdings Ltd.
- Education University of Nairobi

The Future of Open Data People Like This



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